Jul 1 2003 14:05 P.02
Fax:703-391-2901
RKNM

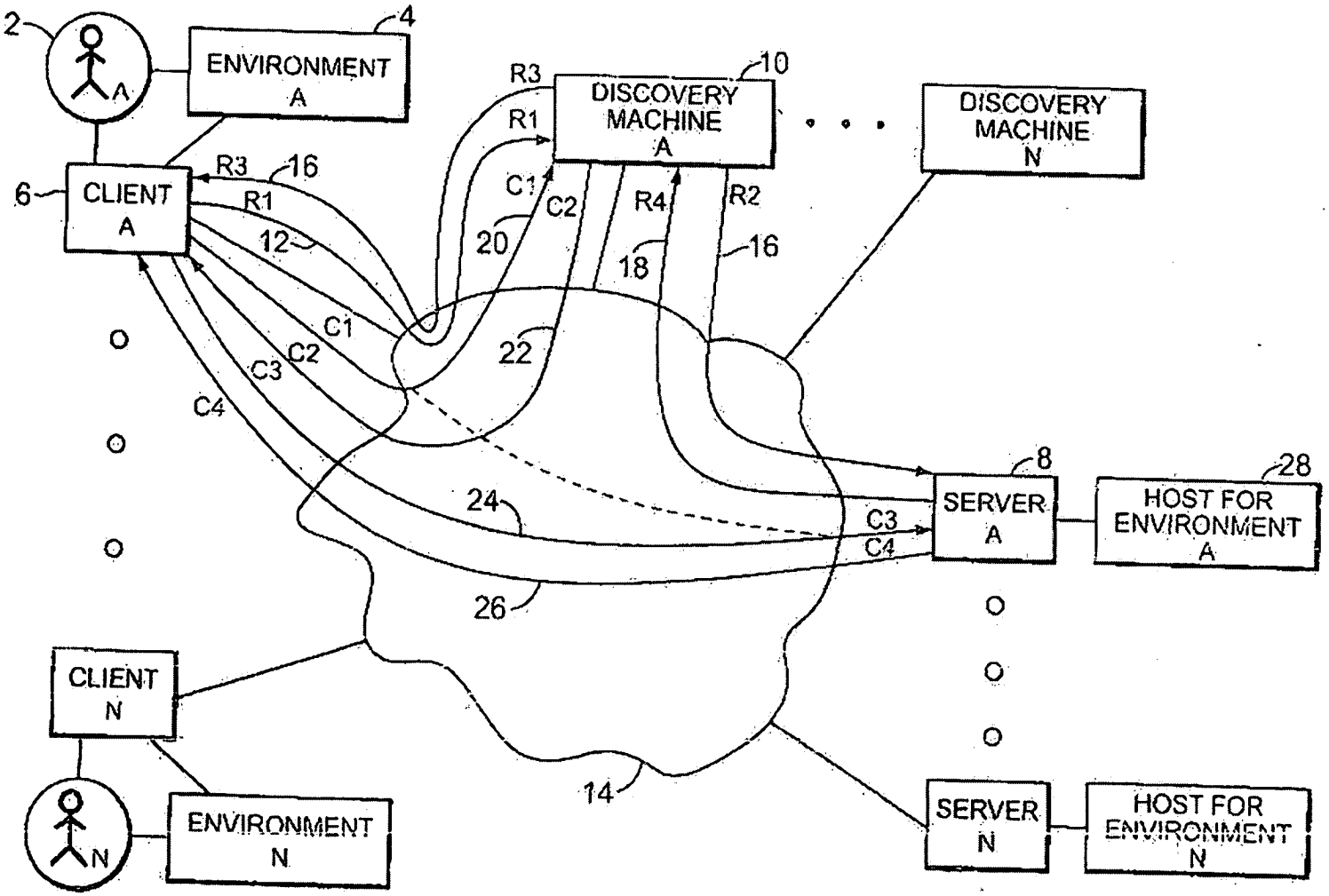


FIG. 1

Jul 1 2003 14:05 P.03
Fax:703-391-2901
RABIN

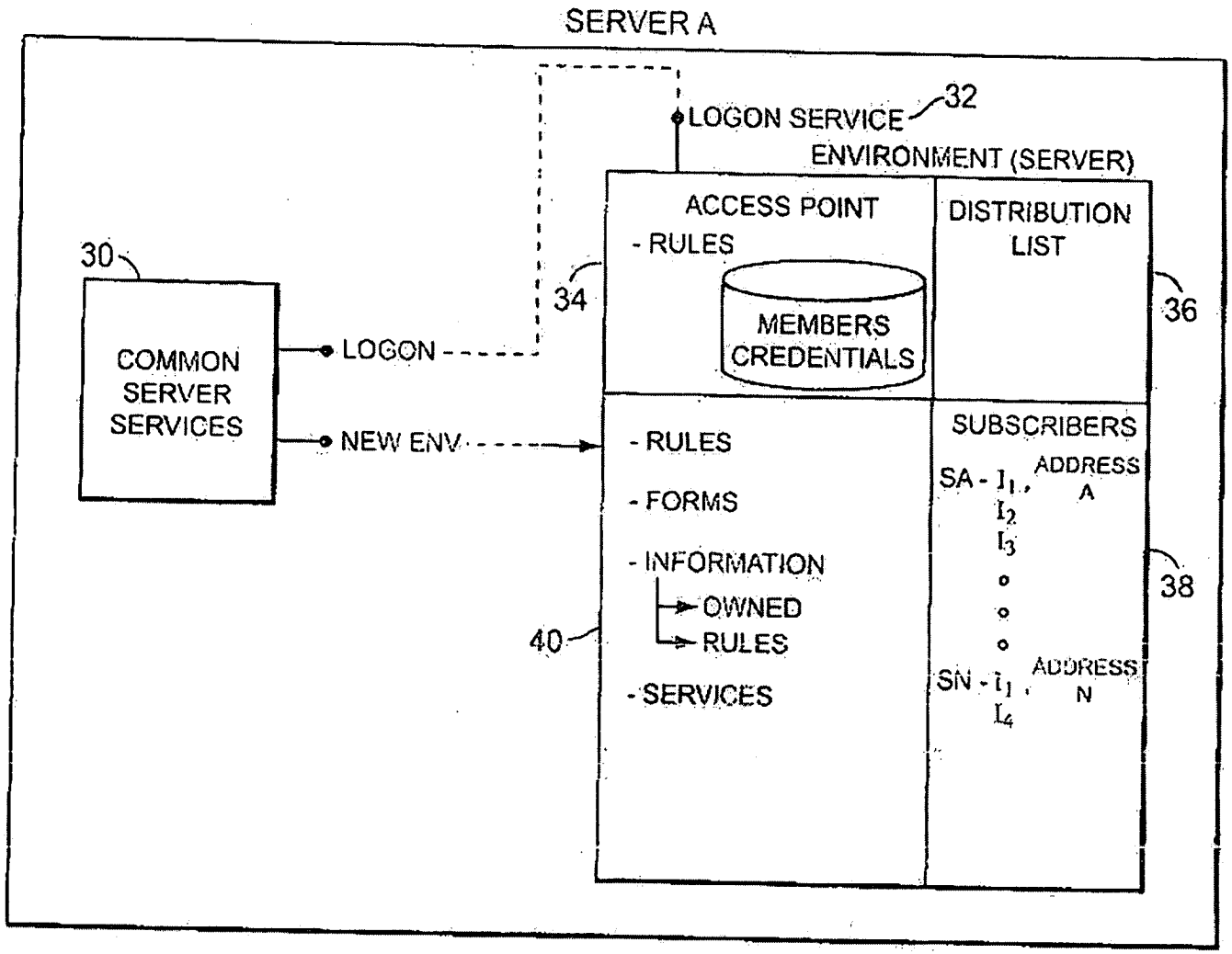


FIG. 2

Jul 1 2003 14:05 P.04
Fax:703-391-2901
R&M

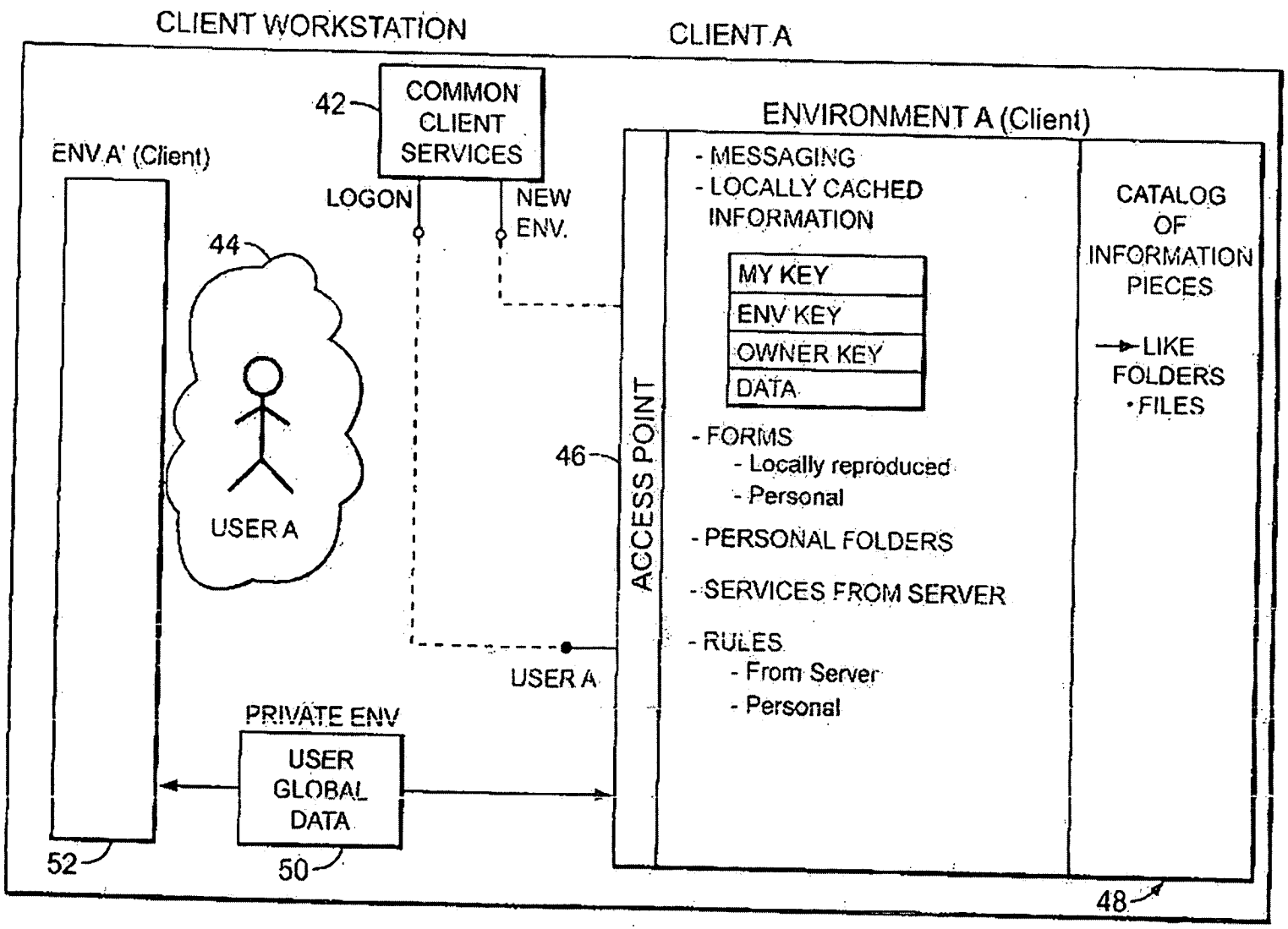
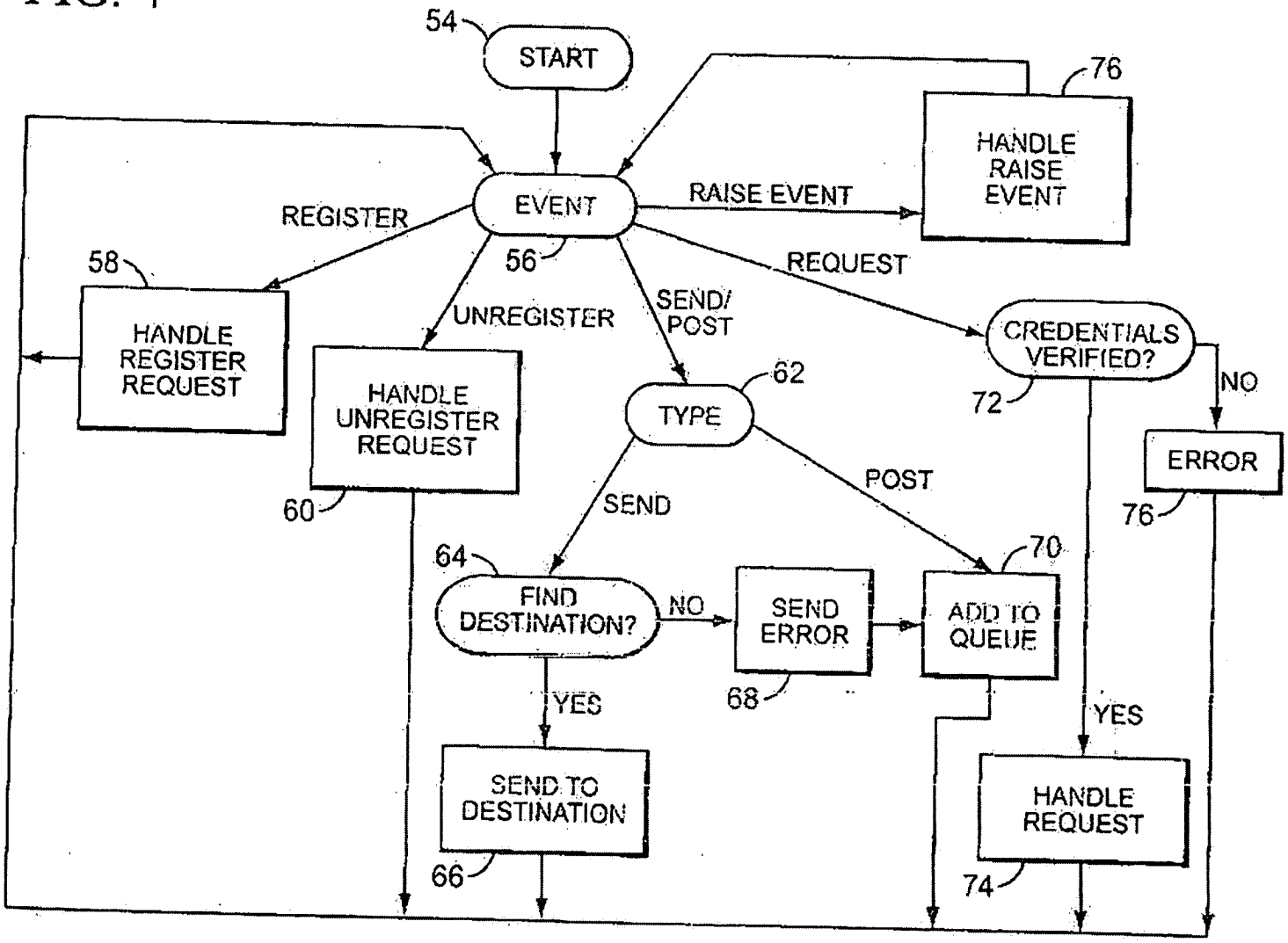


FIG. 3

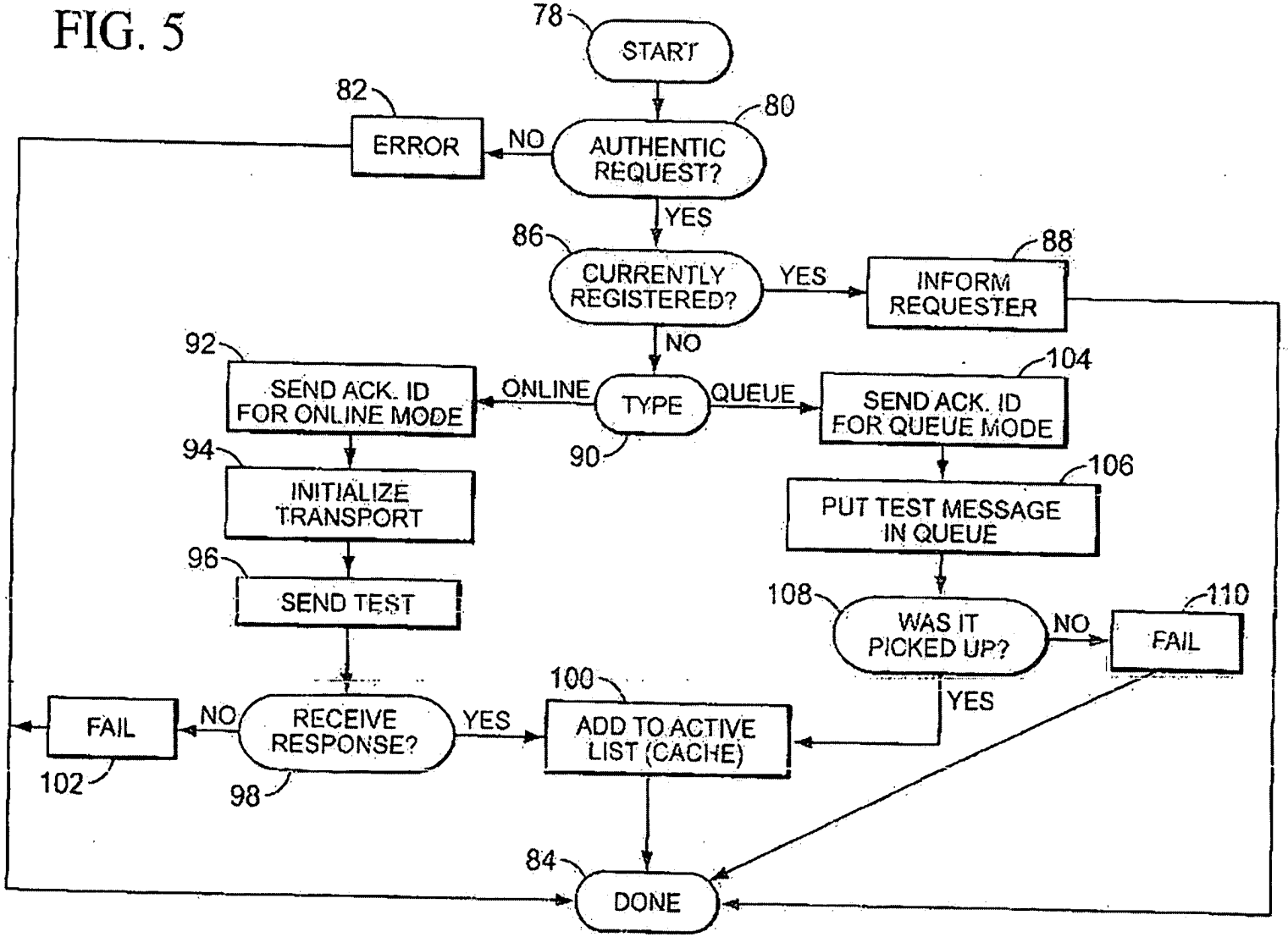
RA&M Fax:703-391-2901 Jul 1 2003 14:06 P.05

FIG. 4



Jul 1 2003 14:05 P.06
Fax:703-391-2901
RP&M

FIG. 5



Jul 1 2003 14:06 P.07
Fax:703-391-2901
RPBN

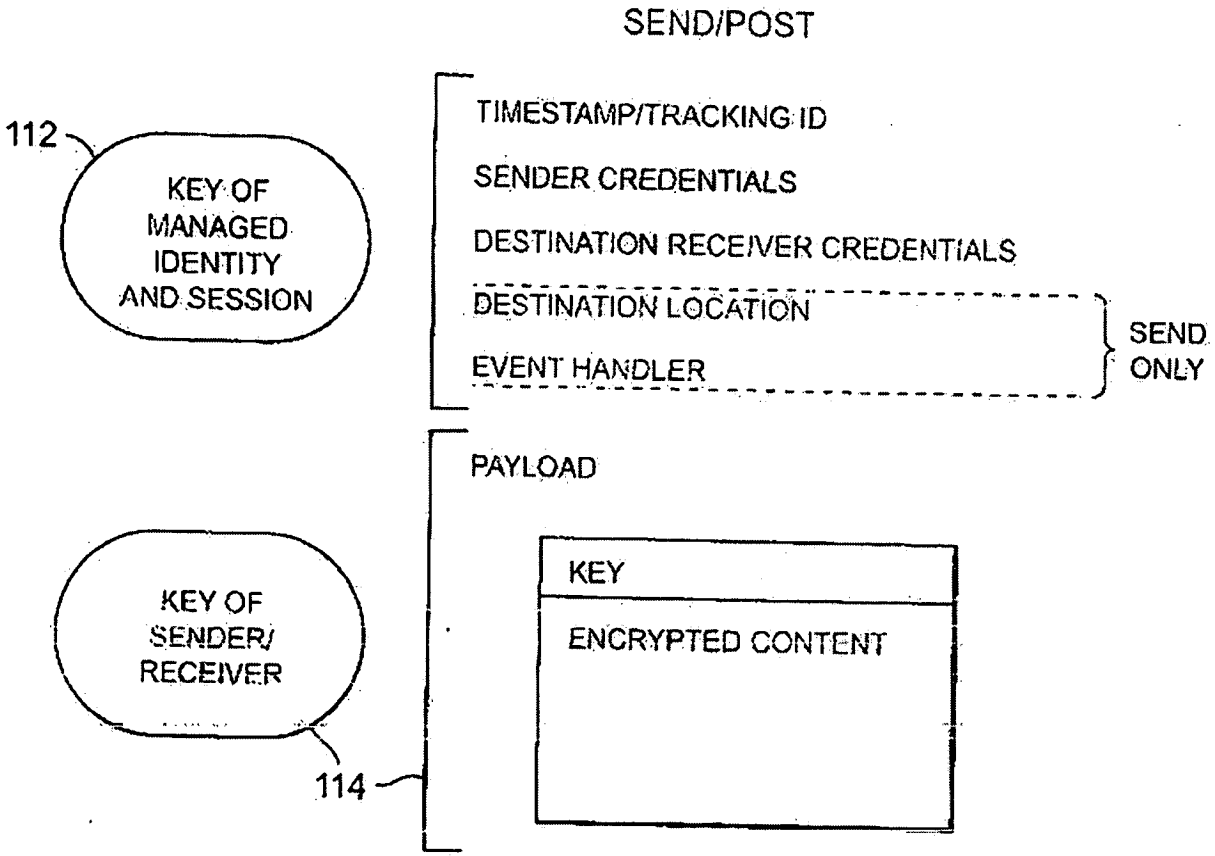
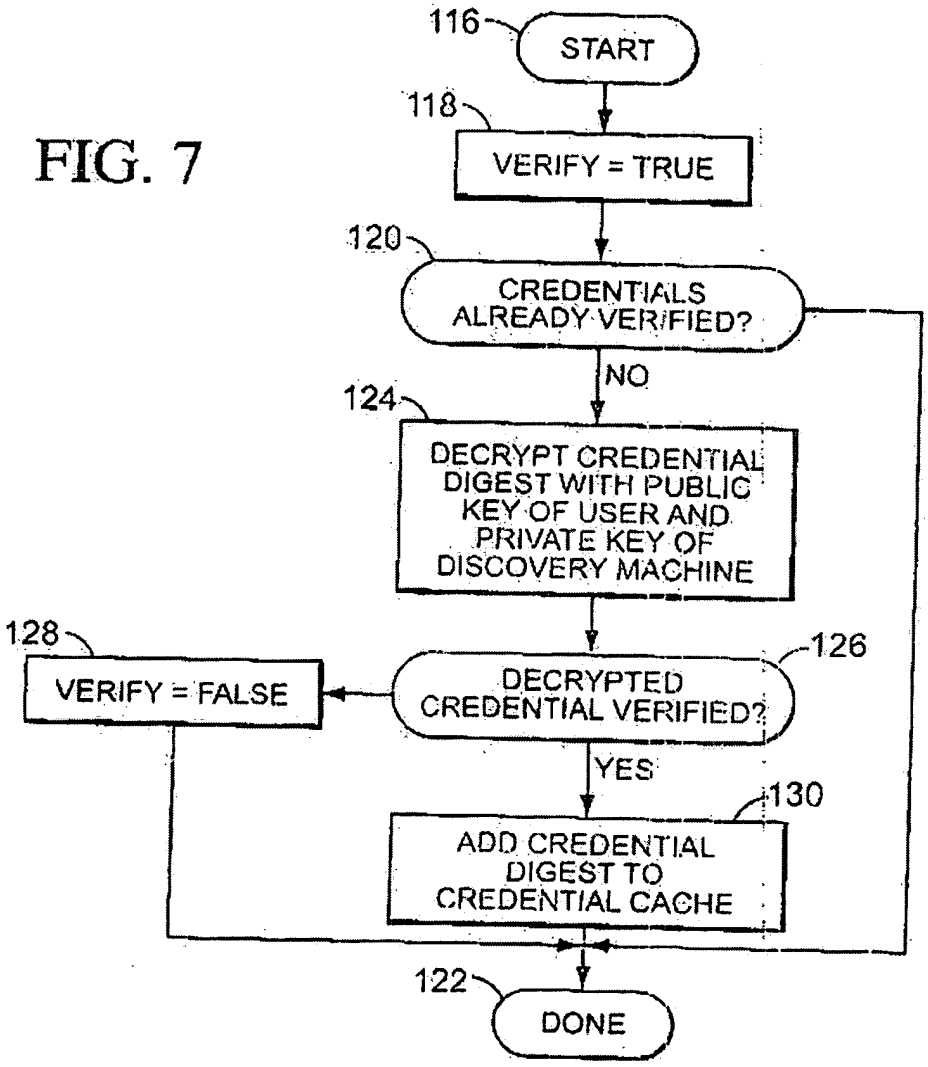


FIG. 6

FIG. 7


116
START
118
VERIFY = TRUE
120
CREDENTIALS ALREADY VERIFIED?
NO
124
DECRYPT CREDENTIAL DIGEST WITH PUBLIC KEY OF USER AND PRIVATE KEY OF DISCOVERY MACHINE
128
VERIFY = FALSE
126
DECRYPTED CREDENTIAL VERIFIED?
YES
130
ADD CREDENTIAL DIGEST TO CREDENTIAL CACHE
122
DONE

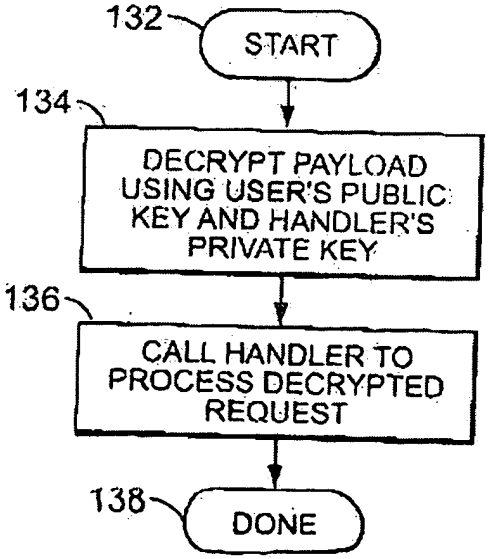
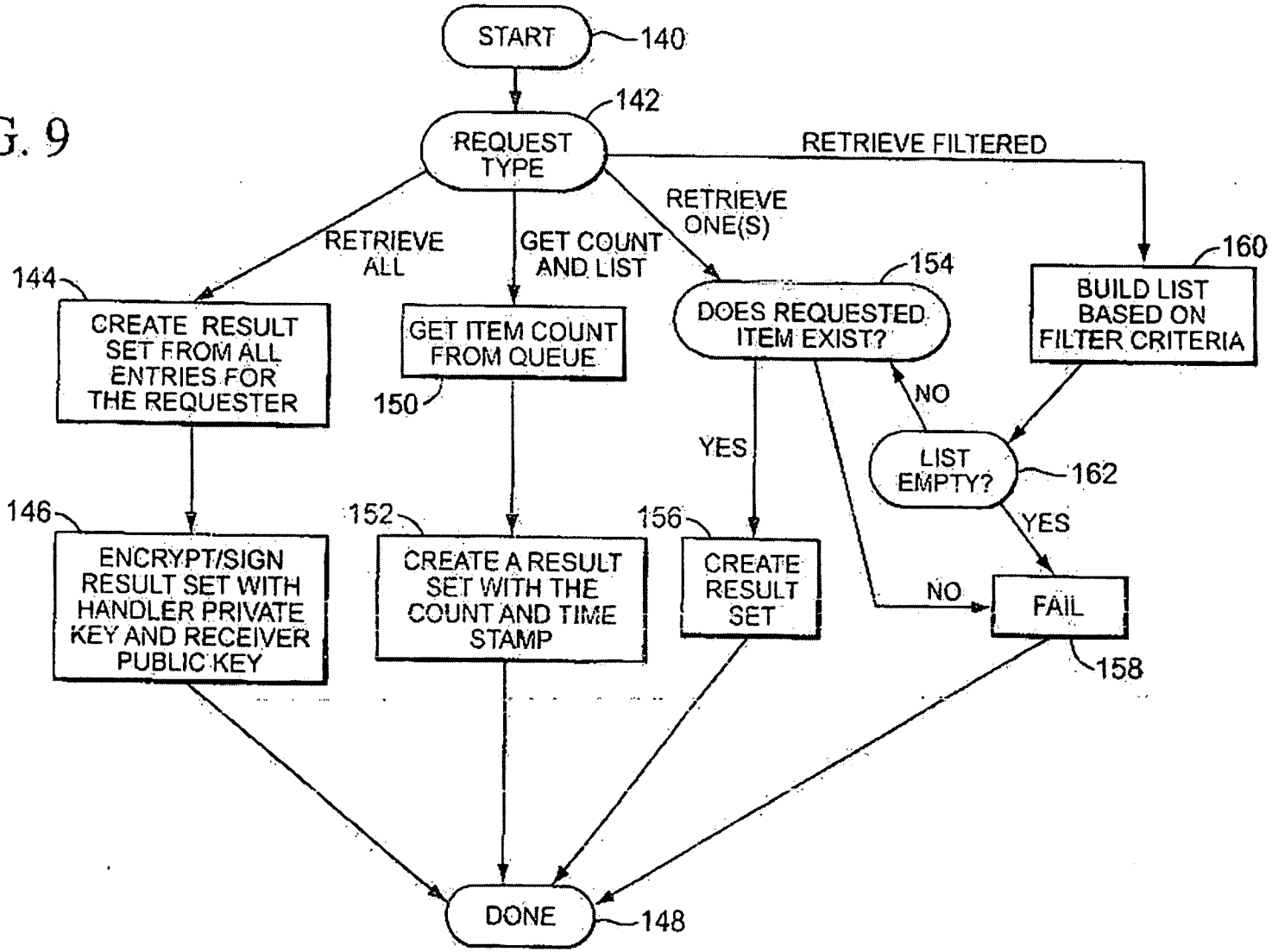

132
START
134
DECRYPT PAYLOAD USING USER'S PUBLIC KEY AND HANDLER'S PRIVATE KEY
136
CALL HANDLER TO PROCESS DECRYPTED REQUEST
138
DONE

FIG. 8

Jul 1 2003 14:06 P.09
Fax:703-391-2001

FIG. 9



Jul 1 2003 14:07 P.10
Fax:703-391-2901
RABM

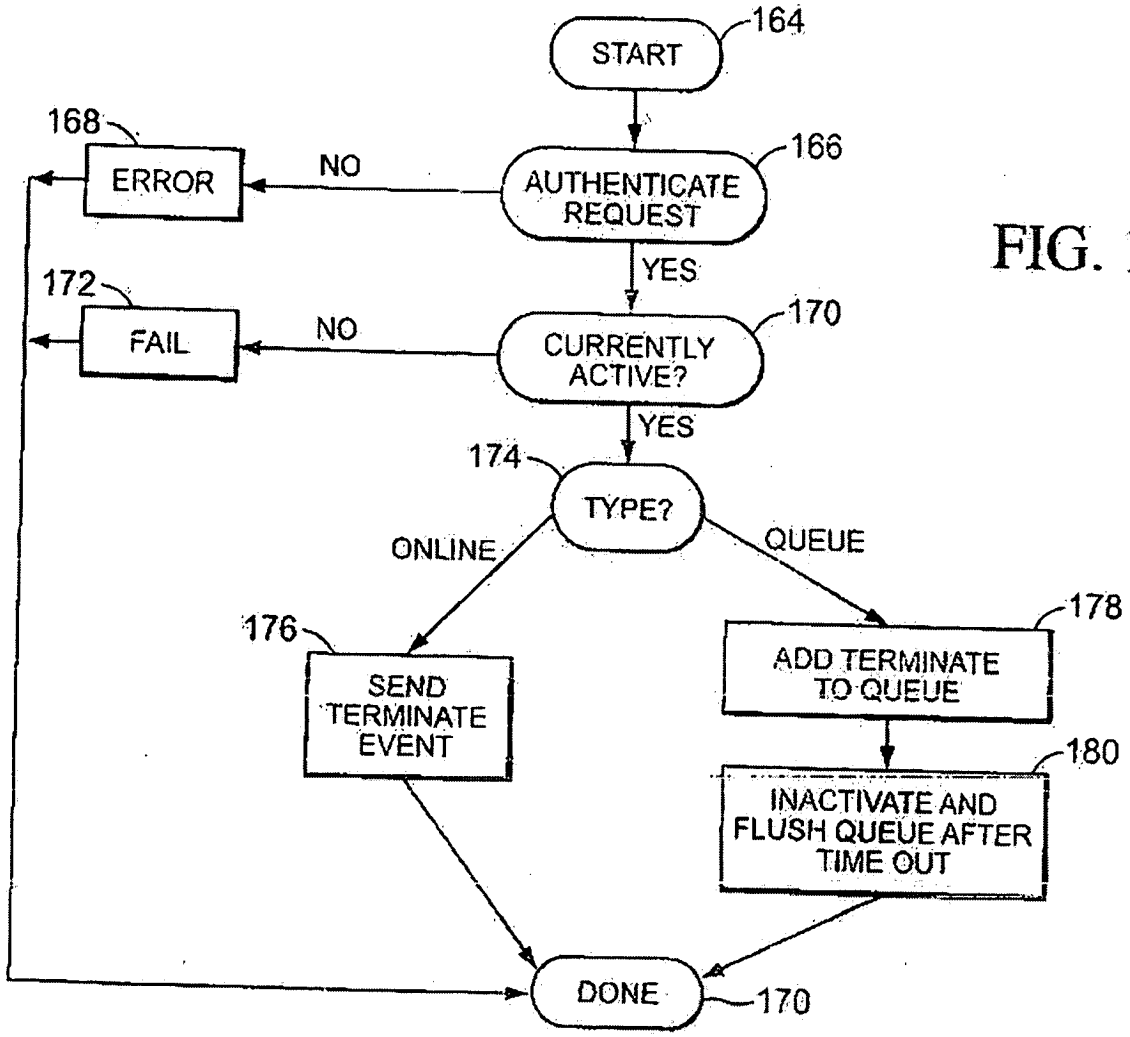


FIG. 10

RABIN Jul 1 2003 14:07 P.11 Fax:703-391-2901

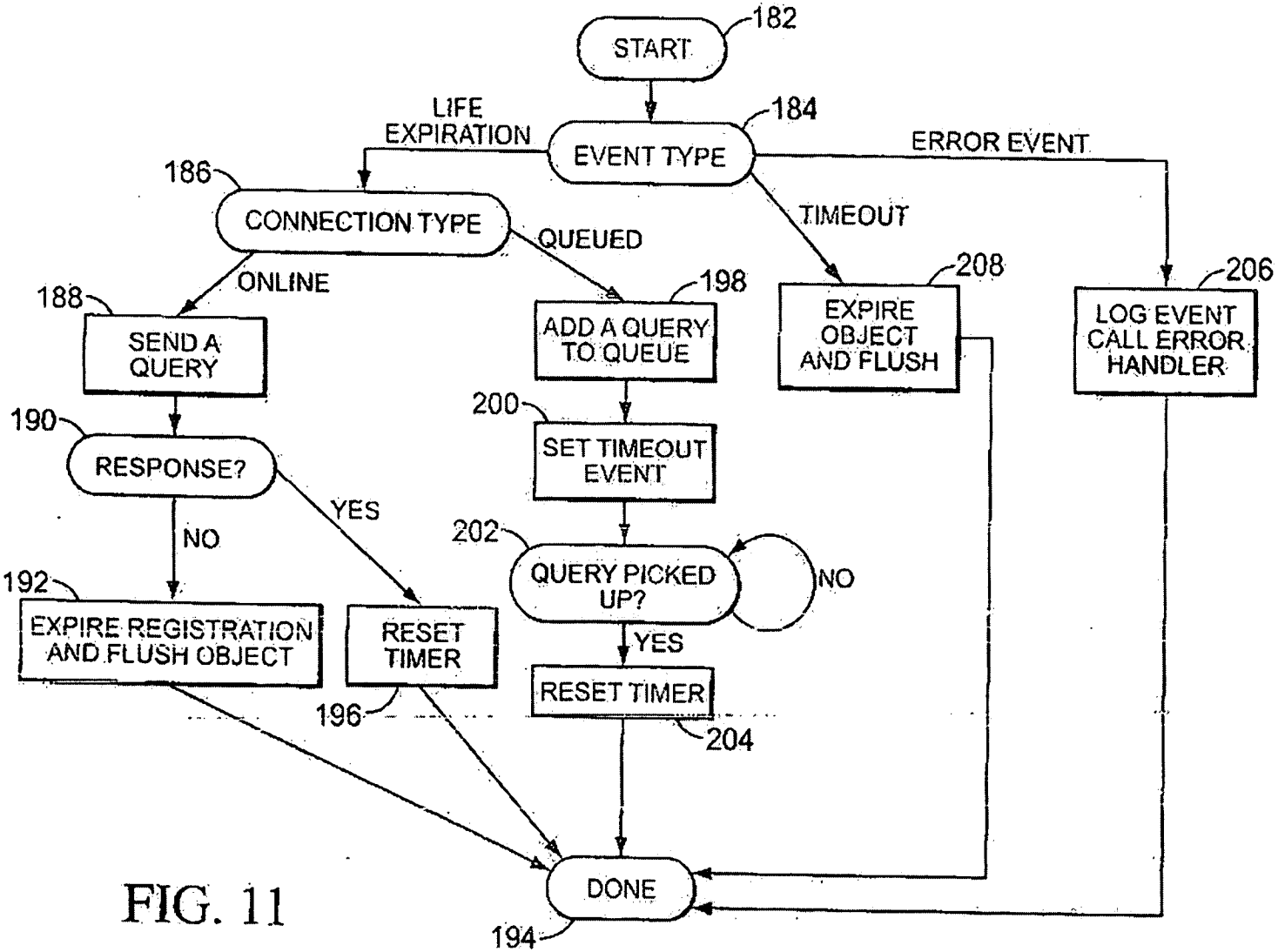


FIG. 11

RG&M Fax:703-391-2901 Jul 1 2003 14:07 P.12

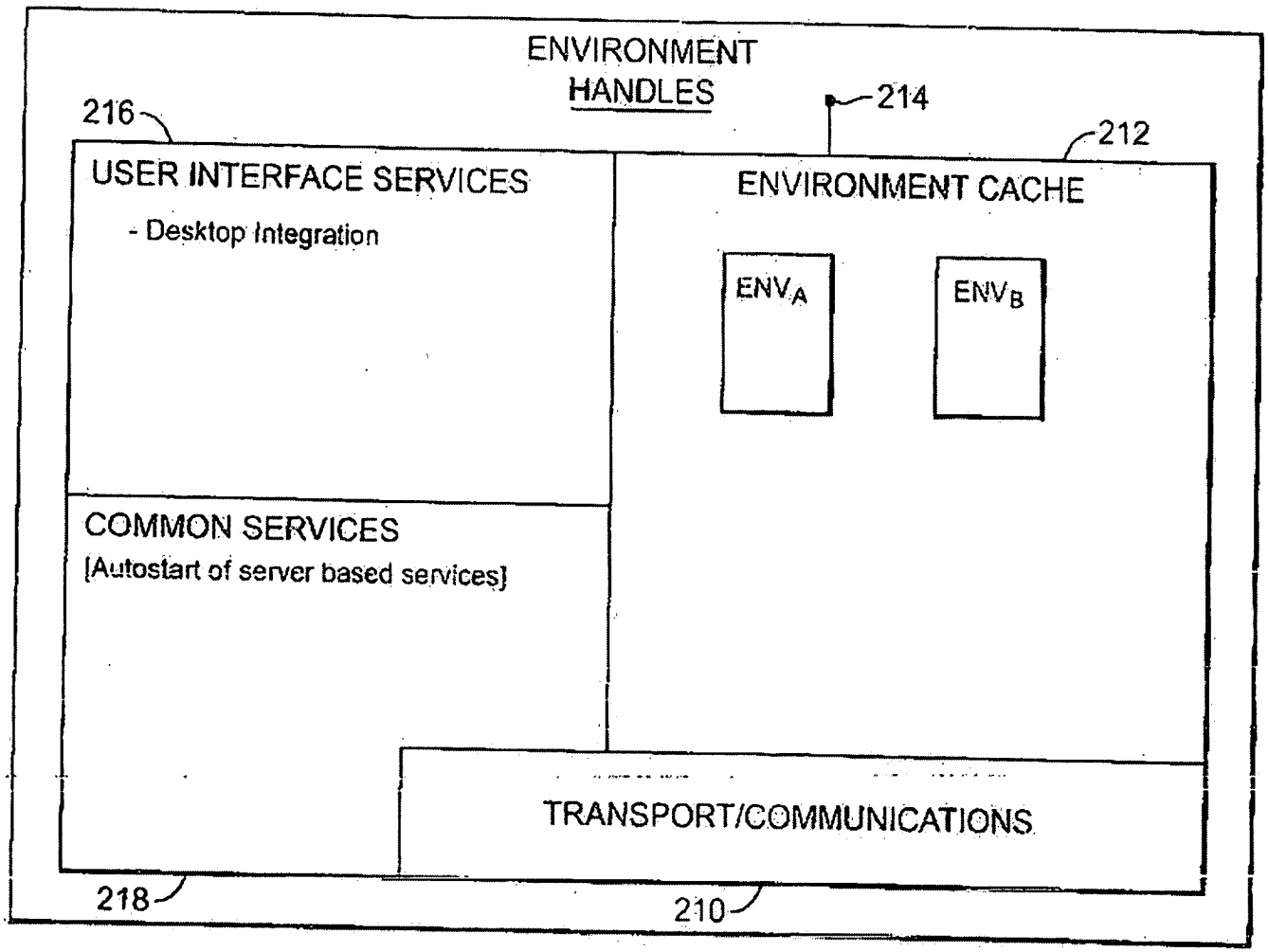


FIG. 12 "CLIENT AND SERVER ARCHITECTURE"

Jul 1 2003 14:07 P.13
Fax:703-391-2901
KRBM

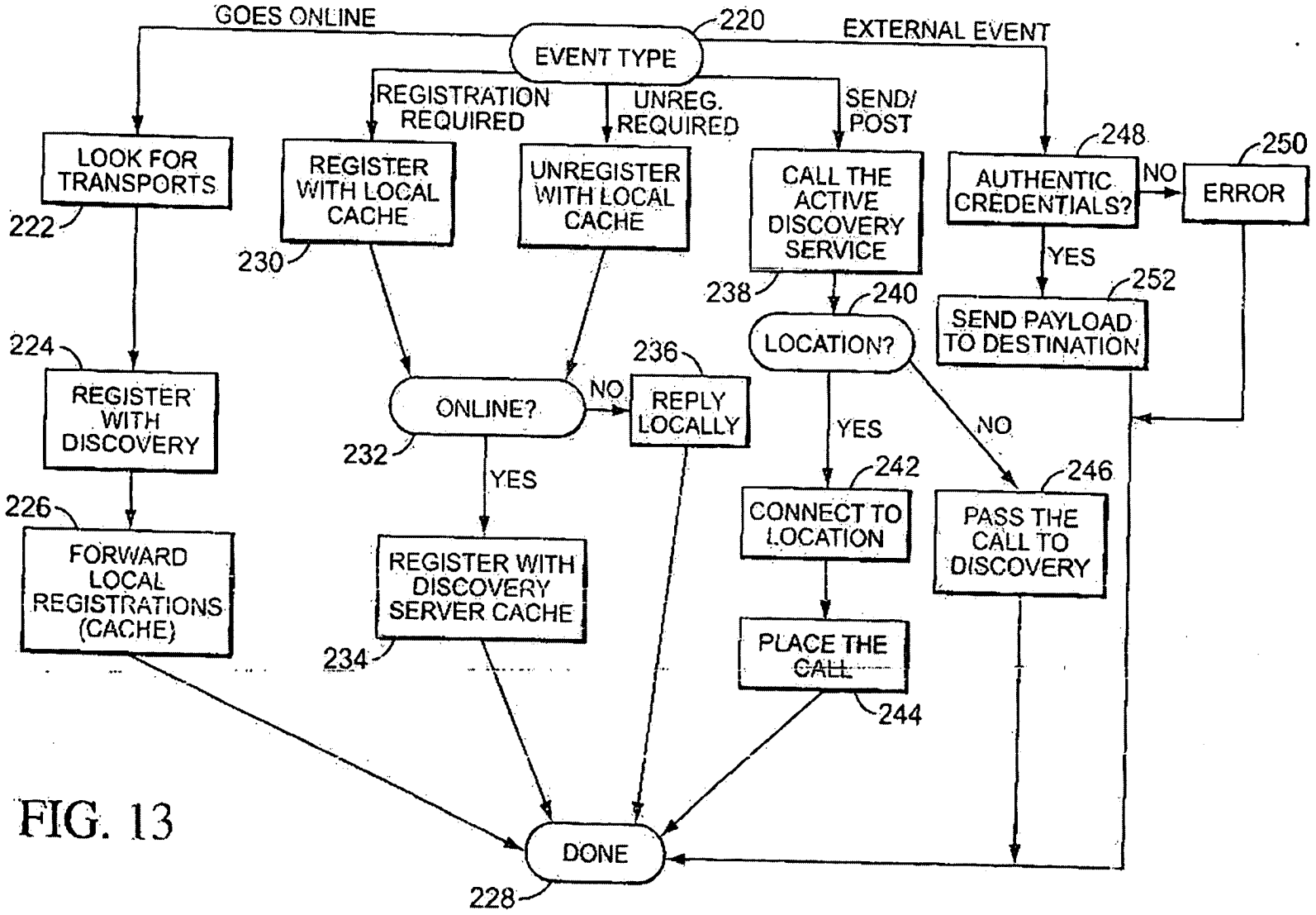


FIG. 13

Jul 1 2003 14:07 P.14
Fax:703-391-2901
RPSM

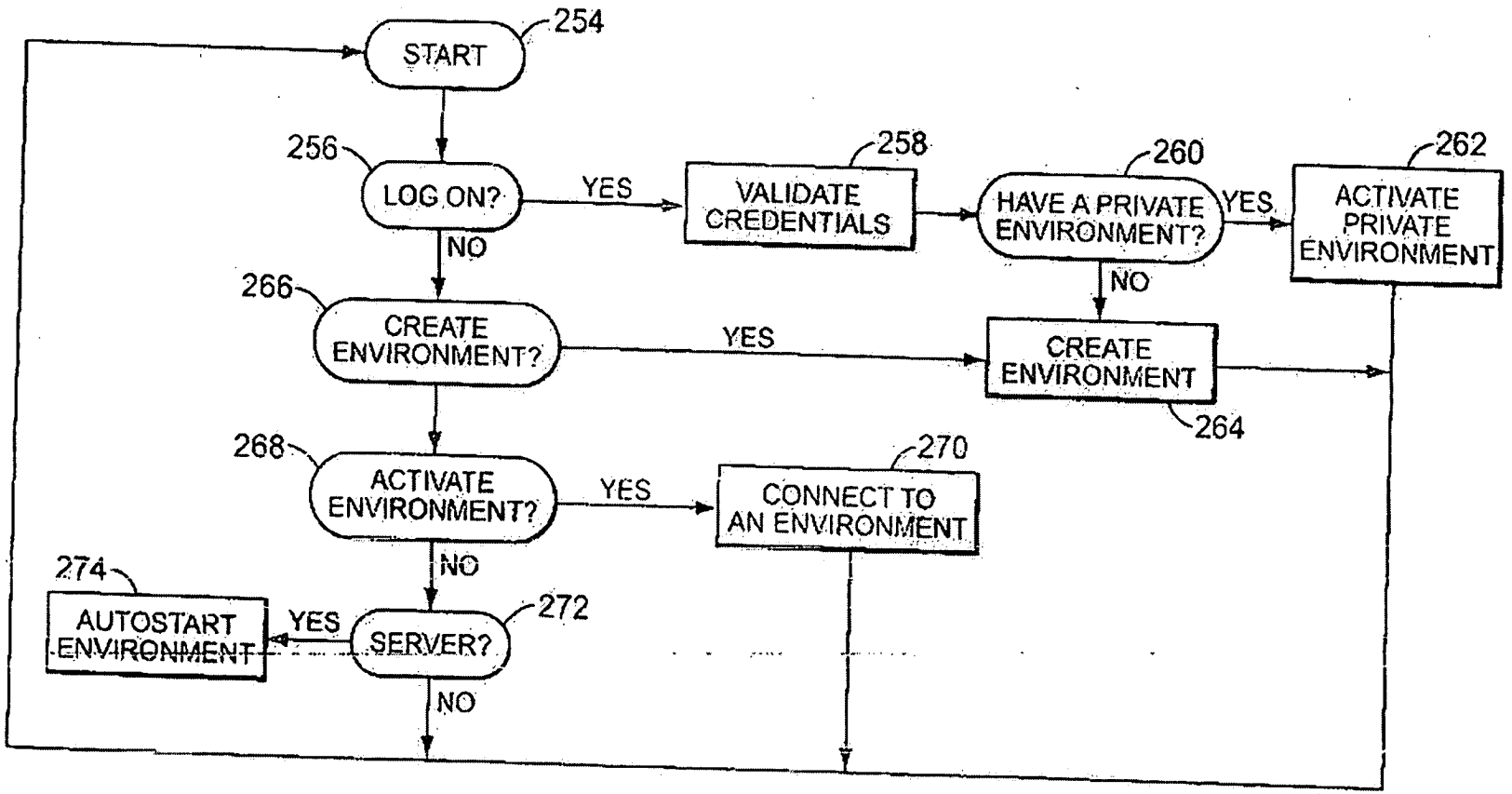


FIG. 14

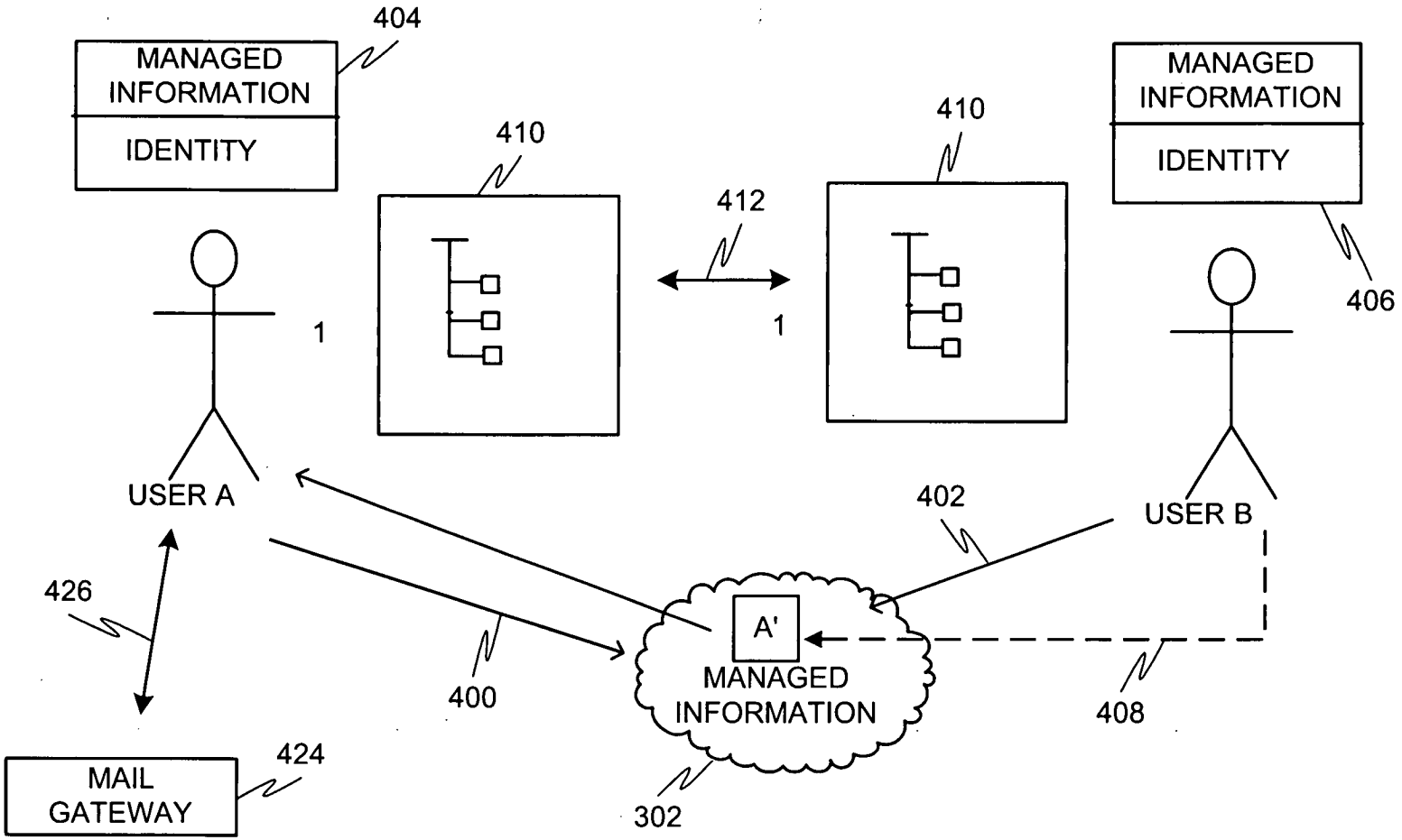

404
MANAGED INFORMATION
IDENTITY
410
410
412
MANAGED INFORMATION
IDENTITY
406
1
1
USER A
USER B
402
426
A'
MANAGED INFORMATION
400
408
424
MAIL GATEWAY
302

FIG. 15

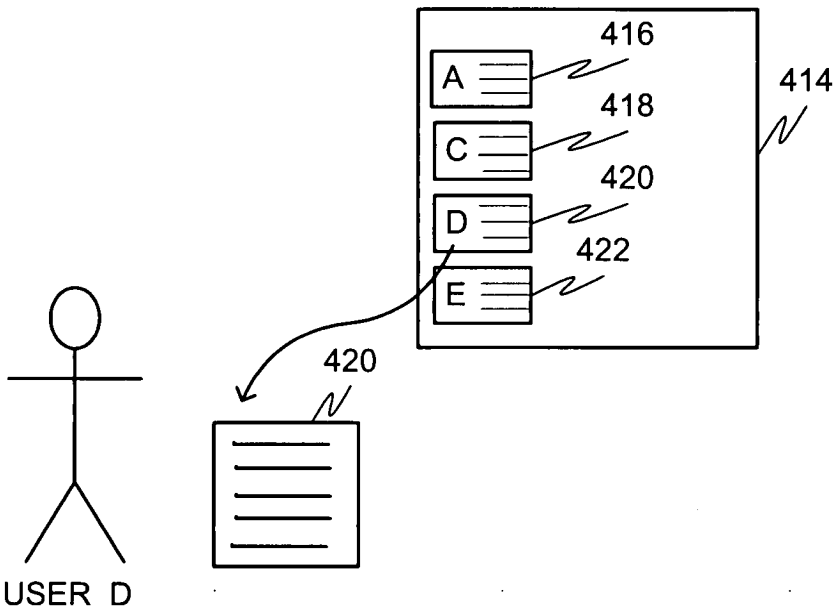


FIG. 16

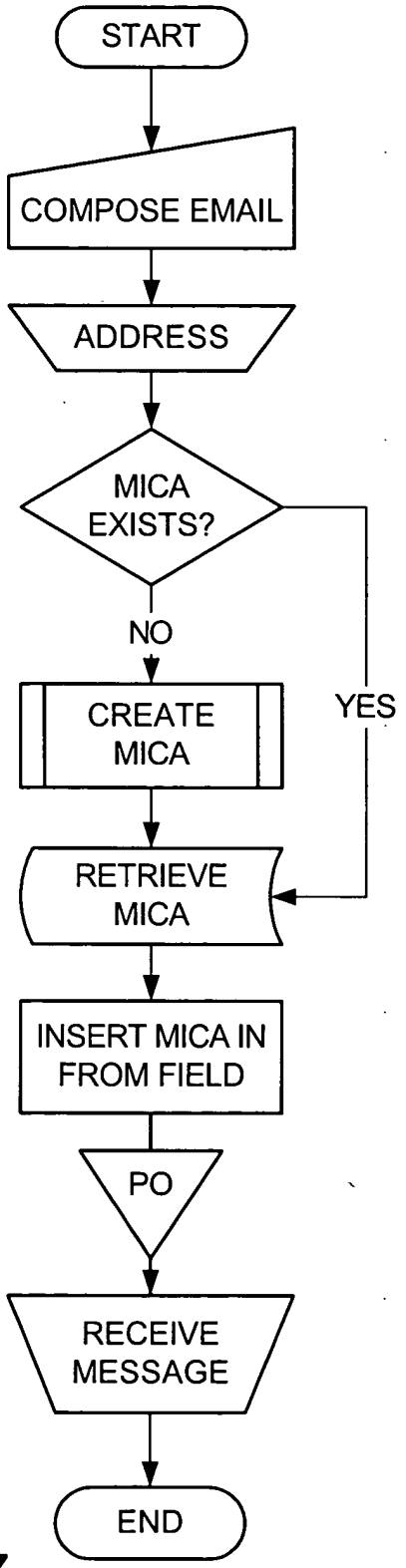

START
COMPOSE EMAIL
ADDRESS
MICA EXISTS?
NO
YES
CREATE MICA
RETRIEVE MICA
INSERT MICA IN FROM FIELD
PO
RECEIVE MESSAGE
END

FIG. 17

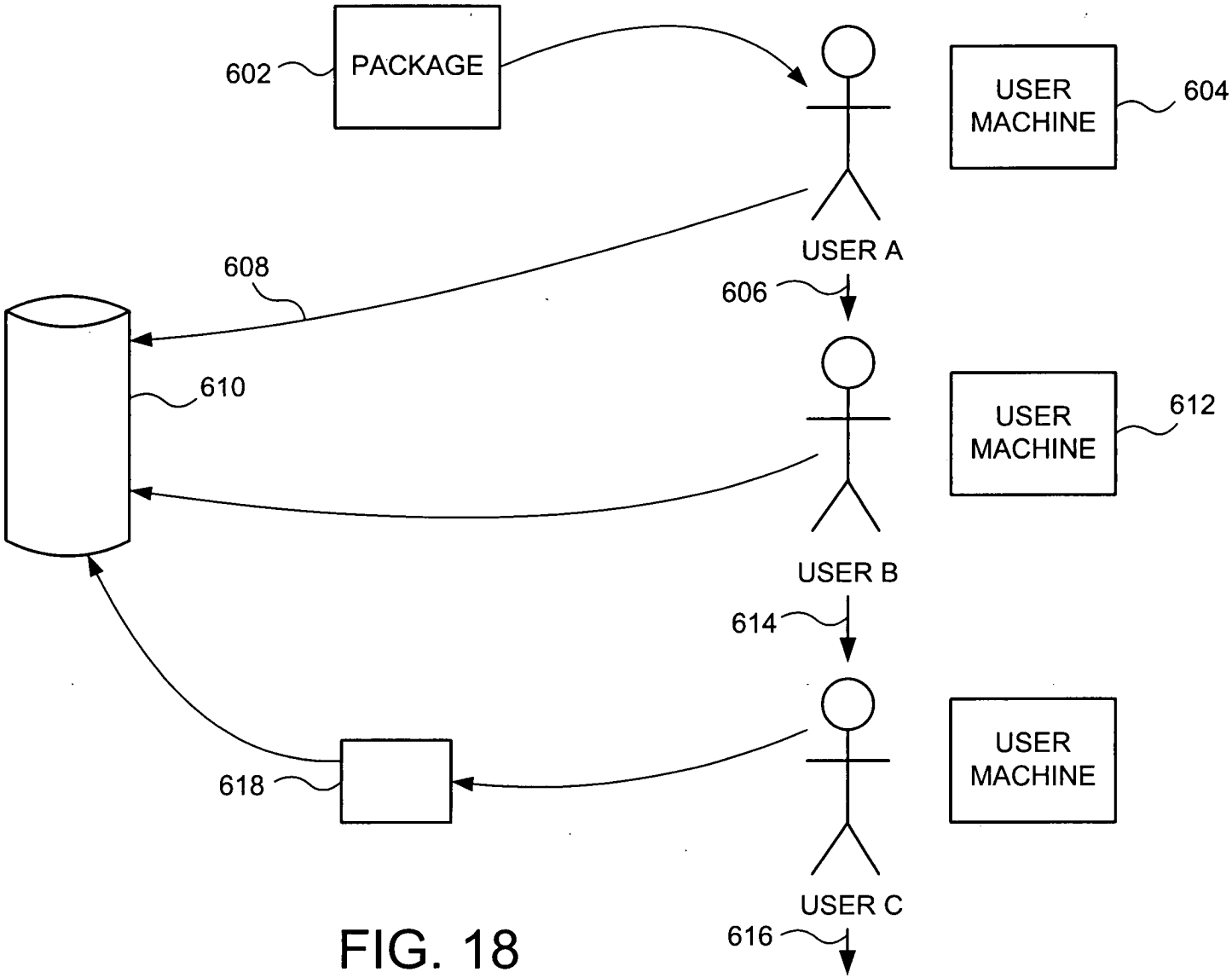

602
PACKAGE
USER
MACHINE
604
USER A
606
608
610
USER
MACHINE
612
USER B
614
618
USER
MACHINE
USER C
616

FIG. 18

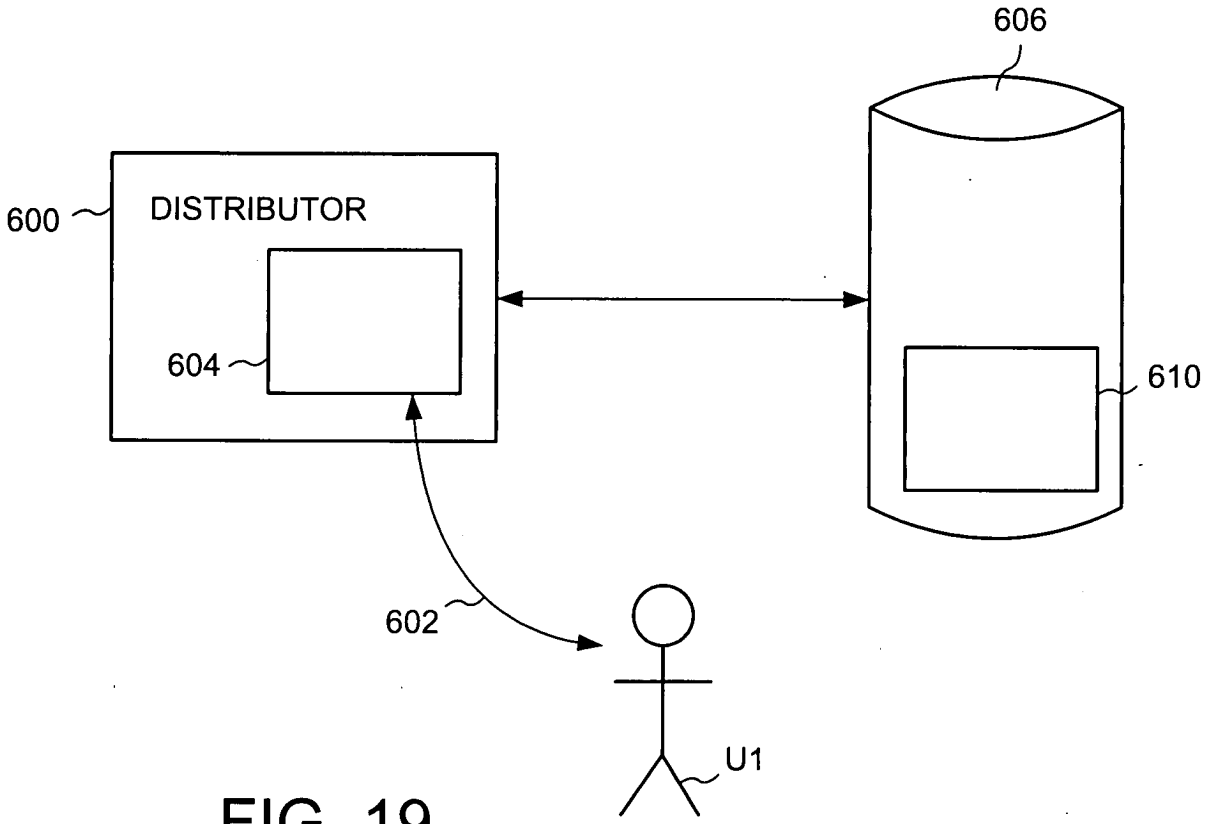


FIG. 19

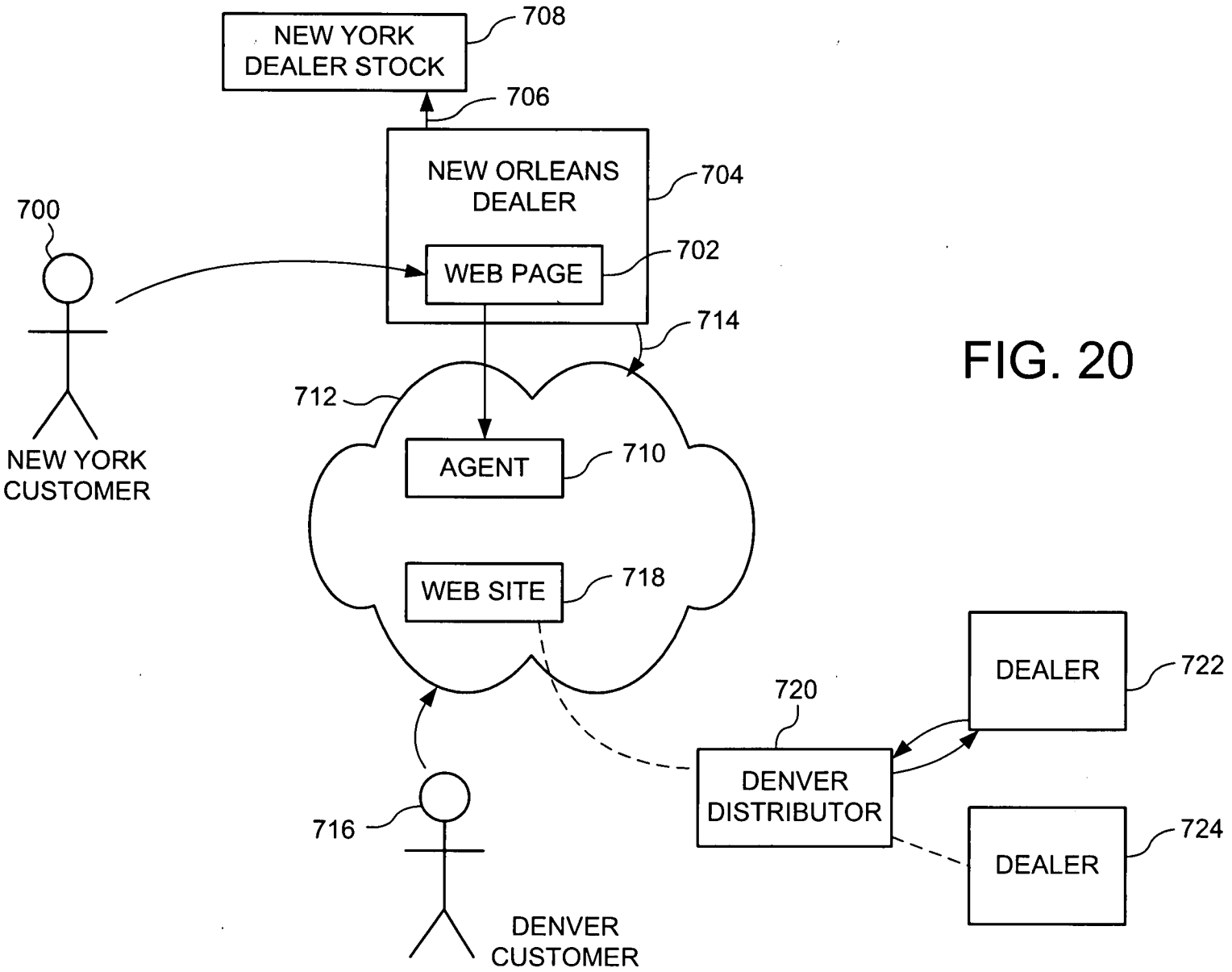

NEW YORK DEALER STOCK
708
706
NEW ORLEANS DEALER
704
700
WEB PAGE
702
714
712
AGENT
710
NEW YORK CUSTOMER
WEB SITE
718
DEALER
722
720
DENVER DISTRIBUTOR
716
DEALER
724
DENVER CUSTOMER

FIG. 20